AMENDMENT TO THE CLAIMS

1. (currently amended) A method of providing Resource-Event-Agent (REA) model based security, the method comprising:

      identifying an REA defined association of a type which dictates ownership between a first object and a second object in an REA model;

      creating an association class object for the REA defined association between the first object and the second object, the association class object having properties defining security between the first object and the second object; and

      storing the association class object on a ~~tangible~~ computer ~~readable~~storage medium for use in providing security between the first object and the second object.

2. (canceled)

3. (previously presented) The method of claim 1, wherein creating the association class object further comprises creating one or more association class objects having properties, the properties of the one or more association class objects defining security between a first class of objects of which the first object is a member and a second class of objects of which the second object is a member.

4. (previously presented) The method of claim 1, wherein the second object is a securable object.

5. (original) The method of claim 4, wherein the first object is of a particular agent type, and wherein a role for a user is defined by the particular agent type for the first object.

6. (original) The method of claim 5, wherein the second object is a contract or agreement type object.

7. (original) The method of claim 5, wherein the second object is a commitment type object.

8. (original) The method of claim 5, wherein the second object is an event type object.

9. (original) The method of claim 5, wherein the second object is a resource type object.

10. (original) The method of claim 5, wherein the second object is an agent type object.

11. (previously presented) The method of claim 5, wherein identifying the REA defined association of the type which dictates ownership between the first object and the second object further comprises identifying an REA defined control type association between the first object and the second object.

12. (previously presented) The method of claim 5, wherein identifying the REA defined association of the type which dictates ownership between the first object and the second object further comprises identifying an REA defined custody type association between the first object and the second object.

13. (previously presented) The method of claim 5, wherein creating the association class object for the REA defined association between the first object and the second object further comprises creating the association class object in a security model.

14. (previously presented) The method of claim 13, wherein creating the association class object in the security model further comprises creating the association class object in the security model separate from the REA model.

15. (previously presented) The method of claim 13, wherein creating the association class object in the security model further comprises creating the association class object in the security model as part of the REA model.

16. (original) The method of claim 13, wherein defining security between the first object and the second object further comprises defining permissions and rights of the first object relative to the second object.

17. (original) The method of claim 16, wherein defining permissions and rights of the first object relative to the second object further comprises dynamically determining the permissions and rights in a security policy logic module outside of the security model.

18. (currently amended) A ~~tangible~~ computer ~~readable~~ ~~storage~~ medium having computer-executable instructions for performing steps of a method of providing Resource-Event-Agent (REA) model based security, the steps comprising:

    identifying an REA defined association of a type which dictates ownership between a first object and a second object in an REA model;

    creating an association class object for the REA defined association between the first object and the second object, the association class object having properties defining security between the first object and the second object; and

    storing the association class object on the ~~tangible~~ computer readable storage medium for use in providing security between the first object and the second object.

19. (canceled)

20. (currently amended) The computer ~~readable~~ storage medium of claim 18, wherein creating the association class object further comprises creating one or more association class objects having properties, the properties of the one or more association class objects defining security between a first class of objects of which the first object is a member and a second class of objects of which the second object is a member.

21. (currently amended) The computer ~~readable~~ storage medium of claim 18, wherein the first object is of a particular agent type, and wherein a role for a user is defined by the particular agent type for the first object.

22. (currently amended) The computer ~~readable~~ storage medium of claim 21, wherein the second object is a contract or agreement type object.

23. (currently amended) The computer ~~readable~~ storage medium of claim 21, wherein the second object is a commitment type object.

24. (currently amended) The computer ~~readable~~ storage medium of claim 21, wherein the second object is an event type object.

25. (currently amended) The computer ~~readable~~ storage medium of claim 21, wherein the second object is a resource type object.

26. (currently amended) The computer ~~readable~~ storage medium of claim 21, wherein the second object is an agent type object.

27. (currently amended) The computer ~~readable~~ storage medium of claim 18, wherein identifying the REA defined association of the type which dictates ownership between the first object and the second object further comprises identifying an REA defined control type association between the first object and the second object.

28. (currently amended) The computer ~~readable~~ storage medium of claim 18, wherein identifying the REA defined association of the type which dictates ownership between the first object and the second object further comprises identifying an REA defined custody type association between the first object and the second object.

29. (currently amended) The computer ~~readable~~ storage medium of claim 18, wherein creating the association class object for the REA defined association between the first object and the second object further comprises creating the association class object in a security model.

30. (currently amended) The computer ~~readable~~ storage medium of claim 29, wherein creating the association class object in the security model further comprises creating the association class object in the security model separate from the REA model.

31. (currently amended) The computer ~~readable~~ storage medium of claim 29, wherein creating the association class object in the security model further comprises creating the association class object in the security model as part of the REA model.

32. (currently amended) The computer ~~readable~~ storage medium of claim 29, wherein defining security between the first object and the second object further comprises defining permissions and rights of the first object relative to the second object.

33. (currently amended) The computer ~~readable-storage~~ medium of claim 32, wherein defining permissions and rights of the first object relative to the second object further comprises dynamically determining the permissions and rights in a security policy logic module outside of the security model.

34. (currently amended) A system, embodied in a computing device, for providing security, the system comprising:

a Resource-Event-Agent (REA) model stored on a ~~tangible~~ computer ~~readable~~storage medium and configured to implement a first object, a second object, and an REA defined association of a type which dictates ownership between the first object and the second object;

a security model stored on the ~~tangible~~ computer ~~readable~~storage medium and configured to implement an association class object for the REA defined association between the first object and the second object in the REA model, such that properties of the association class object define security between the first object and the second object.

35. (canceled)

36. (previously presented) The system of claim 34, wherein the association class object further comprises one or more association class objects having properties, the properties of the one or more association class objects defining security between a first class of objects of which the first object is a member and a second class of objects of which the second object is a member.

37. (previously presented) The system of claim 34, wherein the security model is separate from the REA model.

38. (previously presented) The system of claim 34, wherein the security model is part of the REA model.

39. (previously presented) The system of claim 34, and further comprising a security policy logic module coupled to the security model and configured to dynamically determine permissions and rights of the first object relative to the second object.